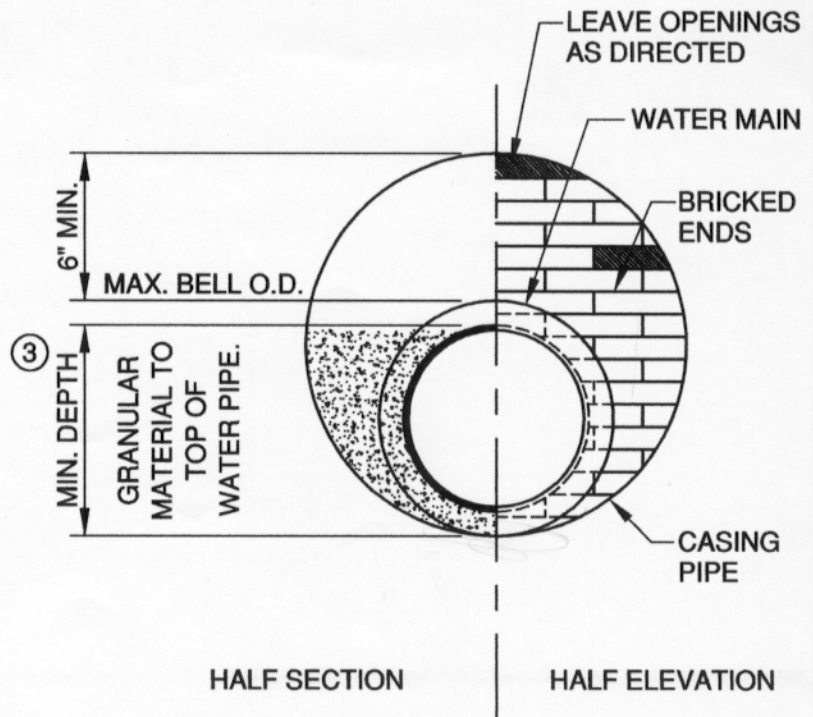
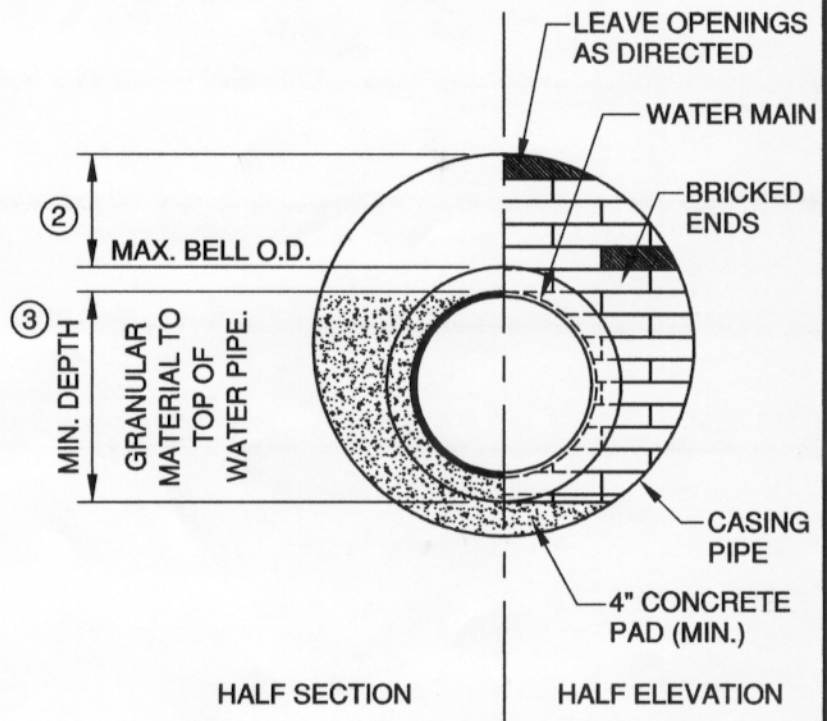


SIZE WATER MAIN	MAX. BELL O.D.	MIN. SMOOTH STEEL CASING PIPE REQ'D.
6"	9.52'	16"
8"	11.89"	18"
12"	16.35"	24"
16"	20.84"	30"
20"	27.00"	36"
24"	31.50"	42" ②
30"	38.14"	48" ②
36"	45.00"	54" ②
42"	51.25"	60" ②
48"	58.00"	66" ②



SMOOTH STEEL CASING PIPE

- ① CASING PIPE SIZE BASED ON LARGEST BELL O.D. OF D.I. PIPE MANUFACTURED AND NOMINAL CONCRETE PIPE SIZE.
- ② CASING PIPE MUST BE 6" (MIN.) LARGER THAN SIZE SHOWN WHEN TUNNEL LINER PLATE OR CORRUGATED STEEL PIPE IS USED.
- ③ FOR CASING INSTALLED BENEATH RAILROAD TRACKS, THE ENTIRE SPACE BETWEEN THE WATER MAIN AND THE CASING PIPE SHALL BE FILLED WITH GRANULAR MATERIAL.
- ④ STEEL CASING PIPE INSTALLED IN RAILROAD RIGHT-OF-WAY SHALL BE BOTH GALVANIZED AND BITUMINOUS COATED.



TUNNEL LINER PLATE &
CORRUGATED STEEL PIPE

CITY OF COLUMBUS
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF WATER

APPROVED:

ENGINEER

Jeff Hubbard

4/1/01
DATE

STANDARD DETAIL
CASING PIPE

L-6324